

Gulf of Mexico Harmful Algal Bloom Bulletin

29 December 2005

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: December 29, 2005

Conditions Report

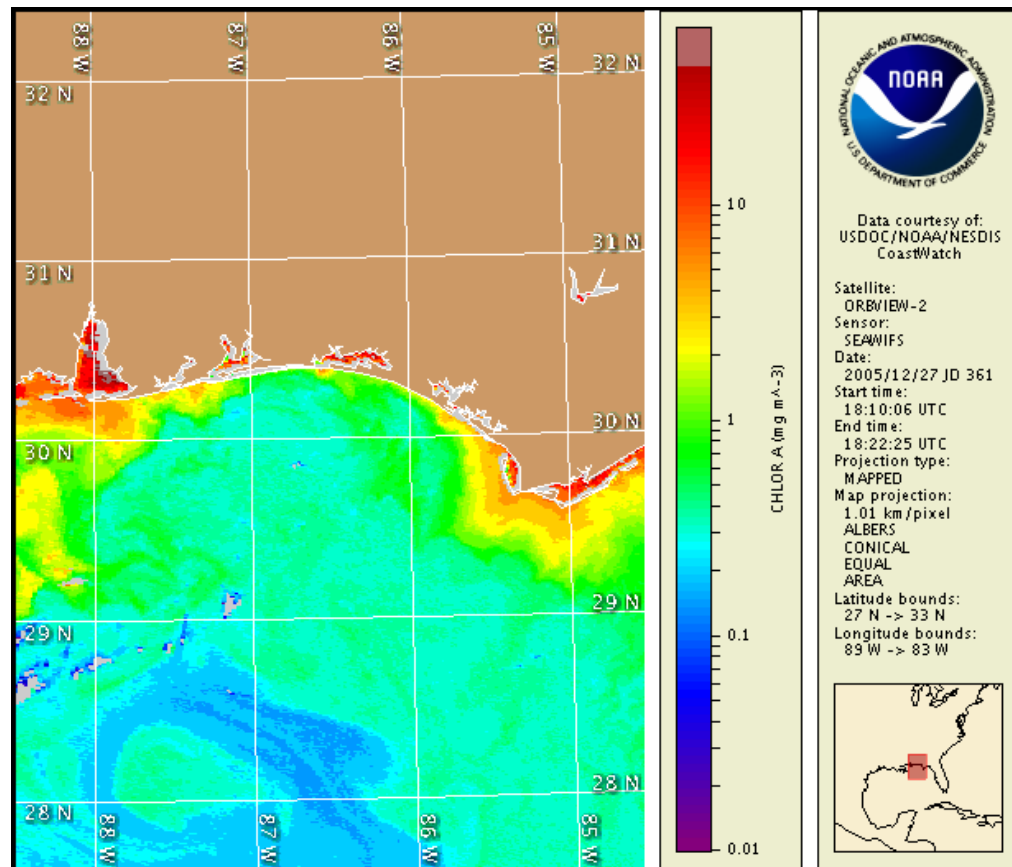
No harmful algal blooms have been identified in any FL Panhandle counties.

Analysis

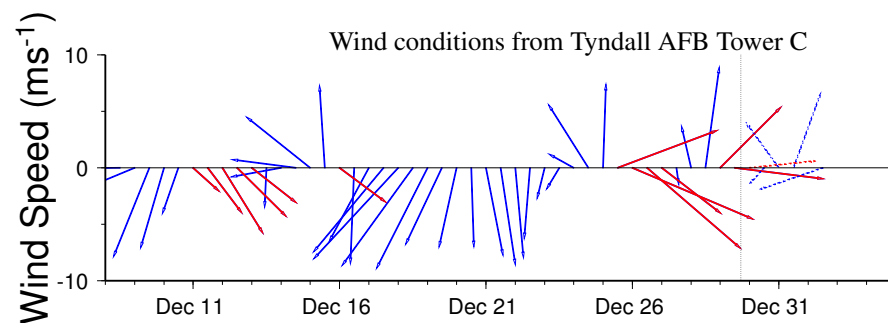
The Panhandle bloom has continued to dissipate. Recent samples indicate no *Karenia brevis* onshore from Walton to Wakulla County (12/19-20, FWRI). Recent chlorophyll elevations in Apalachicola Bay are due to the presence of the dinoflagellate *Prorocentrum minimum* (12/27, FWRI).

As there is currently no evidence of harmful *Karenia* blooms in this area, no further bulletins will be issued for the Panhandle region unless conditions change.

-Stolz & Fisher



Satellite chlorophyll image with possible HAB areas shown by red polygon(s).

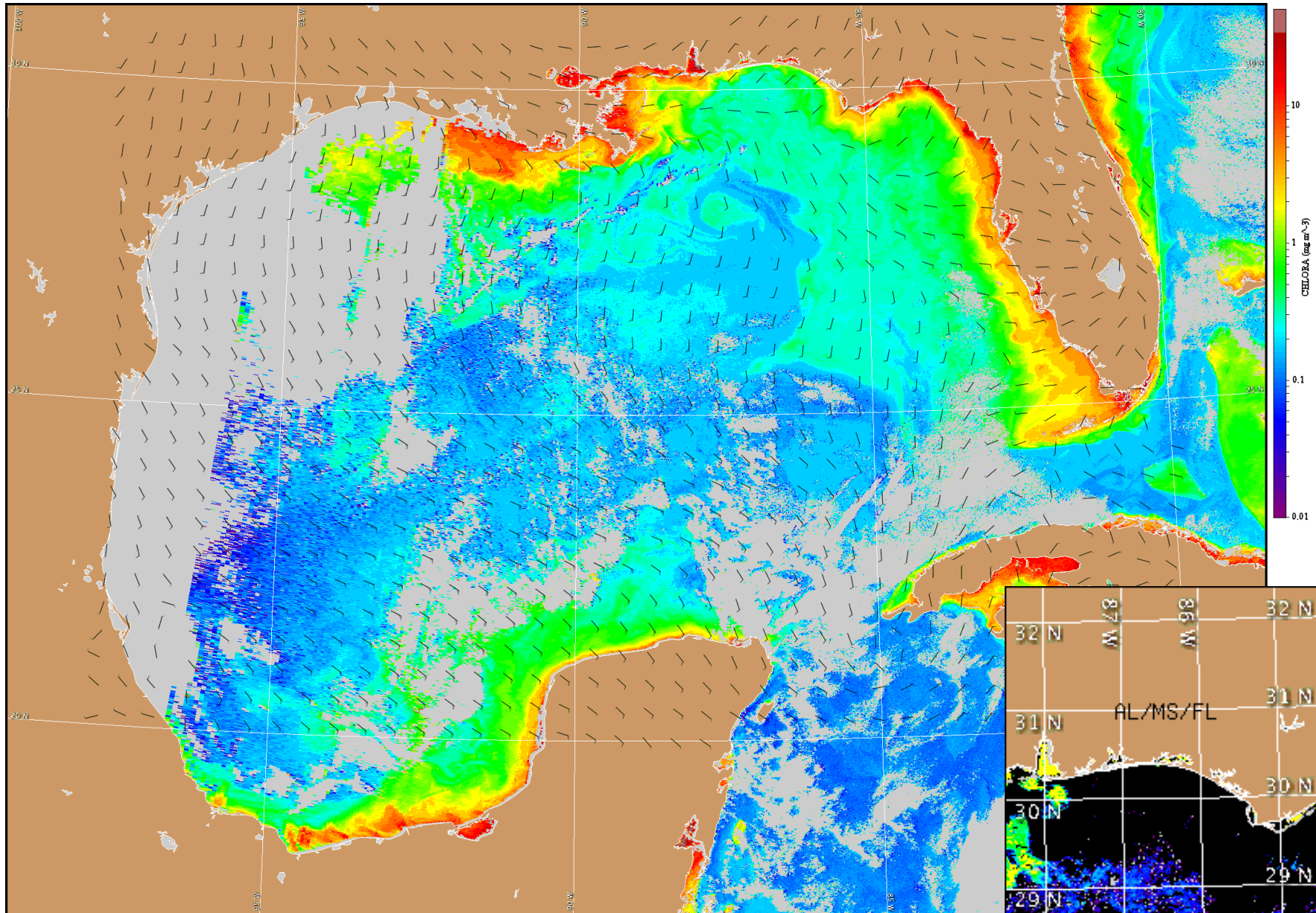


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

FL Panhandle: Westerly winds today at 15-20 knots (8-10 m/s), decreasing to 5-10 knots (3-5 m/s) by tonight, out of the north. Northeasterly winds Friday clocking to the south by Friday night and southwest by Saturday at 10-15 knots (5-8 m/s). Southerly winds Sunday.

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Satellite chlorophyll image and forecast winds for December 30, 2005 12Z.

Verified HAB areas shown in red. Other bloom areas shown in yellow (see p. 1 analysis for interpretation).